

Demand and Readiness Tool for Assessing Data Sources in Health Information Systems (HIS DART)

MODULE 4:

Logistics Management Information System



This questionnaire with its corresponding instructions is one of 12 HIS data source assessment modules. The questionnaire is designed to capture information that informs health authorities and other stakeholders about the alignment of the HIS data source with relevant standards. The full series of assessment modules is available at <https://www.measureevaluation.org/resources/tools/dart/>.

For more information, see the corresponding data source module in Health Information System Strengthening: Standards and Best Practices for Data Sources, available here: <https://www.measureevaluation.org/resources/publications/tr-17-225>.

16	In what type of electronic system are the eLMIS data managed? CIRCLE ALL THAT APPLY	ELECTRONIC SPREADSHEET MS EXCEL FILE OTHER SPREADSHEET DATABASE MANAGEMENT SYSTEM SQL DATABASE MS ACCESS OTHER DBMS HMIS SOFTWARE DHIS2 OTHER HMIS OTHER	A B C D E F G X
17	Does the eLMIS have semantic interoperability with any other data systems?	YES NO	1 2 SKIP TO Q22
18	Which data exchange standards are used?	AGGREGATED DATA EXCHANGE (ADX) FAST HEALTHCARE INTEROPERABILITY RESOURCES (FHIR) INTEGRATING HEALTHCARE ENTERPRISE (IHE) DIGITAL IMAGING & COMMUNICATIONS IN MEDICINE (DICOM) HEALTH LEVEL 7 (HL7) OTHER NONE	A B C D E F G
19	At national levels, even the most sophisticated drug procurement systems, if not linked to accurate patient data, cannot reliably predict demand—leading to unreliable inventories of medications. At the facility level, can LMIS data currently be linked to health service delivery data to match demand for essential medicines with their availability?	YES PARTIALLY NO	1 2 3
20	CHECK MODULE 2 (hiis), Q1: IF MODULE 2, Q1=1 OR 2, GO TO Q21 IF Q2=3, GO TO Q22		
21	Is the eLMIS currently linked to the facilities on the master facility list?	YES, AUTOMATICALLY YES, MANUALLY NO	1 2 3
22	CHECK Q4: IF Q4= 1, 2, OR 3, GO TO Q23 IF Q4= 4, GO TO Q24		
23	Does the eLMIS include medicines on the NEML?	YES, ALL YES, SOME NO	1 2 3
24	What is the lowest level at which data in the eLMIS can be accessed and updated?	CENTRAL LEVEL ONLY REGIONAL/PROVINCIAL DISTRICT/COUNTY HEALTH FACILITY/PATIENT	1 2 3 4
25	When was the last time the eLMIS data were updated at that level? RECORD A ROUND NUMBER	MONTHS AGO <input type="text"/> <input type="text"/> YEARS AGO <input type="text"/>	
26	How often are the eLMIS data usually updated at that level?	IN REAL TIME AT LEAST ONCE PER YEAR EVERY 1–3 YEARS LESS OFTEN NEVER	1 2 3 4 5
27	In a recent reporting period, what percentage of medicine outlets in the public sector reported in the LMIS, either paper-based or electronically? RECORD A ROUND NUMBER	PERCENTAGE <input type="text"/> <input type="text"/> %	
28	In a recent reporting period, what percentage of medicine outlets in the private sector reported routinely in the LMIS, either paper-based or electronically? RECORD A ROUND NUMBER	PERCENTAGE <input type="text"/> <input type="text"/> %	
29	In the absence of routine monitoring data, or for the periodic validation of routine data, a national survey of medicine prices and availability can provide estimates of medicine prices, availability, and affordability. Has [COUNTRY] conducted a national survey of medicine prices and availability within the last 5 years ?	YES NO	1 2 SKIP TO END
30	Was the World Health Organization/Health Action International methodology used?	YES NO	1 2

END